



New York State Department of Environmental Conservation

MEMORANDUM

TO: Peter Buechi
FROM: Yavuz Erk *Y. Erk*
SUBJECT: Great Lakes Carbon - Furnace Pits Sampling Results
DATE: August 20, 1985

The four furnace pits were sampled on August 12, 1985 and the analyses were done by Versar. A summary of the findings is as follows:

Sample 1 (Pit #4)

<u>Parameter</u>	<u>Concentration (ppb)</u>
Vinyl Chloride	13
Acetone	480
Trans 1,2-dichloroethene	12

Sample 2 (Pit #9)

None detected

Sample 3 (Pit #8)

<u>Parameter</u>	<u>Concentration (ppb)</u>
Methylene chloride	36
Acetone	300
Furan, tetrahydro	48 (approximate)
Ethane (methyl thio)	30 (approximate)
Ethane, 1,1'-thiobis	49 (approximate)

Sample 4 (Pit #2)

<u>Parameter</u>	<u>Concentration (ppb)</u>
Vinyl chloride	210
Methylene chloride	120
Acetone	550
Carbon disulfide	83
1,1-dichloroethene	41
Trans 1,2-dichloroethene	460
Chloroform	180
2-Butanone (MEK)	830
Trichloroethene	230
Methane thiol	38 (approximate)
Furan, tetrahydro	53 (approximate)
Ethane (methyl thio)	71 (approximate)
Ethane, 1,1'-thiobis	120 (approximate)

The results received from Versar are comparable to the results submitted by Great Lakes Carbon. The only difference is that we received our results on August 12, 1985, a month later than the company's report.

Please note that Versar received the samples on June 13, 1985 but the extracts were prepared on July 5, 1985 exceeding the time requirement for volatile organic compound analysis.

A copy of the sample location plan is attached.

YE:cag

Attachment

BAKING SUMP PLAN DEPT.

